REMARKS

Reconsideration of the rejections set forth in the Office action dated 2/10/03 is respectfully requested under the provisions of 37 CFR §1.114 and §1.111(b).

A fee authorization for the RCE and new claims, is included herewith.

Claims 1-2 were pending.

Claims 1-2 were rejected.

Claims 1-2 were amended.

Claims 3-17 were newly added.

I. Rejections under 35 USC § 112, 1st Paragraph

Claims 1 and 2 were rejected under 35 USC § 112,1st ¶ as containing subject matter which was not described in the specification. Claims 1 and 2 were amended to clarify that both the first image information and the second image information are displayed.

In view of the above, the applicant submits that the claims now pending in the application comply with the requirements of 35 USC §112 first paragraph.

II. Rejections under 35 USC §103(a)

Claims 1 and 2 stand rejected under 35 USC §103(a) as being unpatentable over Cone 4,766,292 in view of Daniele 5,444,779. This rejection is respectfully traversed in view of the following arguments.

A. The Invention of claims 1 and 2

Currently amended claims 1 and 2 are directed to an apparatus and method for displaying information. The displayed information is a combination of a first image and a second image.

The second image is retrieved from a storage location and displayed responsive to registration information contained in the first image.

The method of currently amended claim 2 is:

2. A method for displaying registered information, comprising:

capturing coded embedded glyph data from a substrate having first image information;

decoding the coded embedded glyph data to develop registration information;

retrieving from a storage location, second image information that corresponds to the registration information; and

displaying the second image information and the first image information, the second image information displayed responsive to the registration information.

Multiple embodiments of the invention of claims 1 and 2 are described with respect to figures 6-14 and their accompanying descriptions when read in light of the application as a whole.

Cone teaches a barcode reader that displays information responsive to the value of the barcode. Cone does not teach or suggest displaying both the image containing the barcode and the information. In addition, Cone does not teach capturing coded embedded glyph data from a substrate having first image information. Cone scans an object looking for a bar code. A bar code is nothing like embedded glyph data in that glyph marks are not easily resolved by the unaided human eye (page 6, lines 11-15). Further Cone teaches nothing about decoding the coded embedded glyph data to develop registration information (see for example, page 13, lines 15). In addition, whereas Cone does teach retrieving information responsive to the value of a barcode, Cone does not teach retrieving a second image information. Finally, Cone does not teach displaying the second image information and the first image information where the second image information is displayed responsive to the registration information (see for example, pages 13-14).

Nothing in Cone teaches or suggests the limitations in currently amended claims 1 or 2.

Daniele is directed to techniques for detecting and using copyright information that is embedded in an image using self-clocking glyph codes. However, Daniele teaches nothing about decoding the coded embedded glyph data to develop registration information; teaches nothing about retrieving second image information corresponding to the registration information; and teaches nothing about displaying the second image information and the first image information where the second image information is displayed responsive to the registration information.

Nothing in Daniele teaches or suggests the limitations in currently amended claims 1 or 2.

A rejection under 35 USC 103(a) requires that one or more references that were available to the inventor that teach a suggestion to combine or modify the references; the combination or modification that would appear to be sufficient to have made the claimed invention obvious to one of ordinary skill in the art.

Neither Cone nor Daniele, separately or combined, would suggest or teach the invention of currently amended claims 1 or 2 to one skilled in the art. Thus, these claims are patentable.

B. The Invention of new claims 3, 9 and 17

The invention of claims 3, 9, and 17 are method, apparatus, and program products that extract embedded data from a first image, determines registration information from the embedded data, develops human-sensible information responsive to the embedded data and presents the human-sensible information responsive to the registration information. New claim 3 is illustrative of claims 9 and 17 and is:

> 3. A computer controlled method for presenting human-sensible information, said method comprising steps of:
>
> extracting embedded data from a first image;
>
> determining registration information from said embedded data;

developing said human-sensible information responsive to said embedded data; and

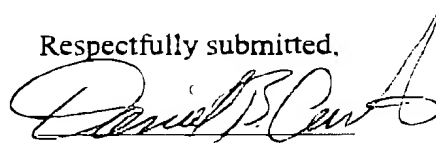presenting said human-sensible information responsive to said registration information.

With regards to Cone and Daniele, the discussion with regards to currently amended claims 1 and 2 also apply. In particular, neither Cone or Daniele teach or suggest determining registration information from embedded data, or of presenting the human-sensible responsive to the registration information.

In addition, with regard to Bloomberg (US 5,765,176) previously cited against original claims 1 and 2. Bloomberg does not teach the steps of determining registration information and of presenting human-sensible information responsive to the registration information.

Since all rejections, objections and requirements contained in the outstanding official action have been fully answered or traversed and shown to be inapplicable to the present claims, it is respectfully submitted that reconsideration is now in order under the provisions of 37 CFR §1.111(b) and 1.114 and such reconsideration is respectfully requested. Upon reconsideration, it is also respectfully submitted that this application is in condition for allowance and such action is therefore respectfully requested.

Should any additional issues remain, or if I can be of any additional assistance, please do not hesitate to contact me at (650) 812-4259.

Respectfully submitted,

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